

# ● PRINTER RUSH ●

(PTO ASSISTANCE)

Application :	<u>10/509,002</u>	Examiner :	<u>Puro</u>	GAU :	<u>3634</u>
From :	<u>KEM</u>	Location :	<u>IDC</u> FMF FDC	Date :	<u>12/19/05</u>

Tracking #: epm 10/509,002 Week Date: 10/3/05

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**[RUSH] MESSAGE:**

① Please provide first 3 pages of specification.

Thank you

KEM

**[XRUSH] RESPONSE:**

See misc comm

DONE

INITIALS: [Signature]

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.  
REV 10/04

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**TELEFAX TRANSMITTAL**

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January 12, 2006

To: Rori Burch  
USPTO - Publishing Division

Fax #: (703) 318-6642From: Friedrich KueffnerFax #: (212) 986-3461

Re: LZ-90PCT  
Notice to File Corrected Application Papers

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Patent

Docket No.: 1Z-90PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Thomas J. Hörmann, et al.  
Serial No: 10/509,002  
Filed: September 24, 2004  
Notice of Allowance  
Dated: September 27, 2005  
For: DOOR AND GUIDE RAIL ARRANGEMENT  
Examiner: David M. Purol  
Art Unit : 3634

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

S I R:

In response to the Notice to File Corrected Application  
Papers, submitted herewith are pages 1 to 3 of the application.

As required, a copy of the Notice is enclosed herewith.

Respectfully submitted,

By: *FK*  
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Dated: January 12, 2006

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I, Friedrich Kueffner hereby certify that this correspondence (6 pages, including this page) is being transmitted by facsimile to (703) 308-6642 on January 12, 2006, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: *FK*  
Friedrich Kueffner

Date: January 10, 2006

TRANSLATION LZ-90PCT:

Translated Text of WO 03/087507 A1 (PCT/EP02/04161)  
with Amended Pages and Claims Incorporated Therein

## DOOR AND GUIDE RAIL ARRANGEMENT

The invention pertains to a door according to the introductory clause of Claim 1.

Doors of this type are used in the form of garage doors and industrial gates. The door leaf can consist of a plurality of panels, which are hinged to each other along axes which are perpendicular to the rail element. In these types of doors, also called sectional doors, the door leaf is in a [more-or-less] vertical plane when in the closed position and is usually in an overhead horizontal position when in the open position. So that the door leaf can be guided between the closed position and the open position, a guide rail arrangement is provided. This arrangement has at least one rail element which is more-or-less vertical and parallel to the lateral edge of the door leaf when the door is closed; a rail element which extends overhead in a more-or-less horizontal direction and is parallel to the edge of the door leaf when the door is open; and a circular arc-shaped

rail element, which connects these other two rail elements. The more-or-less vertical rail element can be attached by a plurality of angle-shaped fastening elements to the wall containing the opening to be closed by the door leaf.

To assist the opening movement of the door leaf, a counterbalancing device is usually provided in the form of, for example, a tension spring or torsion spring arrangement, which is tensioned during the course of the closing movement and relaxed again during the course of the opening movement. The counterbalancing device is usually connected to the door leaf by tensioning means attached to the lower edge of the door leaf. During the operation of doors of this type, it is possible for the user to be injured by coming into contact with the tensioning means when reaching into the gap formed between the more-or-less vertical rail element and the wall. To solve these problems, so-called angle frames with two sidepieces are usually used. The sidepieces extend over the entire length of the more-or-less vertical rail element and form an angle of approximately  $90^\circ$  with each other. The first sidepiece is attached to the wall, the second to the rail element, so that the second sidepiece makes it impossible for anyone to reach into the gap

formed between the rail element and the wall. Doors with these types of angle frames are described in, for example, DE 1 113 847. Pressed-out sections are also provided in the angled frame, with the help of which, in cooperation with a latching bolt attached to the door leaf, it is possible to prevent the door leaf from moving when such movement is not desired. It is thus possible effectively to prevent the door from dropping and also to prevent it from being raised.

Nevertheless, it has been found that it is comparatively complicated and therefore correspondingly expensive to install these types of doors in which the rail element is attached to the wall by an angle frame. Doors according to the introductory clause of Claim 1 are also indicated in EP 1 114 908 A2. Sliding doors with a protective element assigned to a guide rail arrangement are described in US 5,398,902.

In view of these problems of the state of the art, the invention is based on the task of providing a door of the type described above which, first, can be installed easily and which, second, can be operated without risk of injury, and also on the task of providing a guide rail arrangement for a door of this type.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/509,002	09/24/2004	Thomas J Hornmann	LZ-90PCT	7660

7590

01/09/2006

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EXAMINER
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PRIOR. D/VID M
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ART UNIT	PAPER NUMBER
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3634

DATE MAILED: 01/09/2006

FRIEDRICH KUEFFNER, PC

Please find below and/or attached an Office communication concerning this application or proceeding.





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**UNITED STATES PATENT AND TRADEMARK OFFICE**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Serial Number  
10509002

Date Mailed  
1/09/06

## NOTICE TO FILE CORRECTED APPLICATION PAPERS

### *Notice of Allowance Mailed*

This application has been accorded an Allowance Date and is being prepared for issuance. The application, however, is incomplete for the reasons below.

Applicant is given 30 days from the mail date of this Notice within which to correct the informalities indicated below. A failure to reply will result in the application being ABANDONED. This period for reply is NOT extendable under 37 CFR 1.136 (a) or (b).

- ◆ Specification---pages 1-3 are missing from the application. Fax missing information to number below or e-mail.

- For status updates visit <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR System, contact the Electronic Business Center (EBC) toll free at 866-217-9197.

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A copy of this notice **MUST** be returned with the reply. Please address response to Commissioner for Patents P.O. Box 1450  
Alexandria, VA 22313-1450

A handwritten signature in black ink, appearing to read "R. Burch", written over a horizontal line.

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